

APPENDIX L

**Summary Statistics for Antimony, Arsenic, Cadmium, Iron,
Manganese, and Zinc for the Summer 1999 Coeur d'Alene
Basin Sampling Event**

Appendix L

Summary Statistics for Antimony, Arsenic, Cadmium, Iron, Manganese, and Zinc for the Summer 1999 Coeur d'Alene Basin Sampling Event

This appendix contains summary tables for the Summer 1999 sampling event for the Coeur d'Alene Basin. Metals included in these tables are antimony, arsenic, cadmium, iron, manganese, and zinc. Sample media from this event includes yard soil, vacuum dust, play areas, garden soil, driveway, and initial and purged drinking water from homes in Harrison and Rocky Point. Right-of-ways data is shown for all Coeur d'Alene Basin geographic subdivisions.

Table L-1.1 Yard Soil Antimony Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison / Rocky Point	Total
A Horizon		
Number	25.00	25.00
Minimum	0.42	0.42
Maximum	1.80	1.80
Arithmetic Mean	1.02	1.02
Standard Deviation	0.44	0.44
Geometric Mean	0.92	0.92
Geometric Standard Deviation	1.63	1.63
B Horizon		
Number	25.00	25.00
Minimum	0.42	0.42
Maximum	2.30	2.30
Arithmetic Mean	1.03	1.03
Standard Deviation	0.56	0.56
Geometric Mean	0.87	0.87
Geometric Standard Deviation	1.83	1.83
C Horizon		
Number	23.00	23.00
Minimum	0.42	0.42
Maximum	1.90	1.90
Arithmetic Mean	1.00	1.00
Standard Deviation	0.53	0.53
Geometric Mean	0.86	0.86
Geometric Standard Deviation	1.79	1.79

Table L-1.2 Vacuum Dust Antimony Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison / Rocky Point	Total
Number	20.00	20.00
Minimum	0.43	0.43
Maximum	18.00	18.00
Arithmetic Mean	4.11	4.11
Standard Deviation	4.11	4.11
Geometric Mean	2.88	2.88
Geometric Standard Deviation	2.37	2.37

Table L-1.4 Driveway Antimony Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison / Rocky Point	Total
A Horizon		
Number	16.00	16.00
Minimum	0.42	0.42
Maximum	2.90	2.90
Arithmetic Mean	1.38	65.56
Standard Deviation	0.87	0.87
Geometric Mean	1.10	1.10
Geometric Standard Deviation	2.08	2.08
B Horizon		
Number	17.00	17.00
Minimum	0.41	0.41
Maximum	2.30	2.30
Arithmetic Mean	1.29	1.29
Standard Deviation	0.73	0.73
Geometric Mean	1.06	1.06
Geometric Standard Deviation	2.00	2.00
C Horizon		
Number	16.00	16.00
Minimum	0.41	0.41
Maximum	2.10	2.10
Arithmetic Mean	1.15	1.15
Standard Deviation	0.48	0.48
Geometric Mean	1.03	1.03
Geometric Standard Deviation	1.66	1.66
Deviation		

Table L-1.5 Garden Antimony Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison / Rocky Point	Total
F Horizon		
Number	9.00	9.00
Minimum	0.42	0.42
Maximum	3.50	3.50
Arithmetic Mean	1.42	1.42
Standard Deviation	0.99	0.99
Geometric Mean	1.13	1.13
Geometric Standard Deviation	2.09	2.09
G Horizon		
Number	7.00	7.00
Minimum	0.57	0.57
Maximum	2.20	2.20
Arithmetic Mean	1.30	1.30
Standard Deviation	0.50	0.50
Geometric Mean	1.21	1.21
Geometric Standard Deviation	1.52	1.52

Table L-1.6 Initial and Purged Drinking Water Antimony Concentrations (ug/L) in Geographic Sub-areas, Summer 1999

	Harrison / Rocky Point	Total
Initial		
Number	22.00	22.00
Minimum	2.10	2.10
Maximum	2.10	2.10
Arithmetic Mean	2.10	2.10
Standard Deviation	0.00	0.00
Geometric Mean	2.10	2.10
Geometric Standard Deviation	1.00	1.00
Purged		
Number	25.00	25.00
Minimum	2.10	2.10
Maximum	5.00	5.00
Arithmetic Mean	2.22	2.22
Standard Deviation	0.58	0.58
Geometric Mean	2.17	2.17
Geometric Standard Deviation	1.19	1.19

Table L-2.1 Yard Soil Arsenic Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
A Horizon		
Number	25	25
Minimum	3.500	3.500
Maximum	8.800	8.800
Arithmetic Mean	5.520	5.520
Standard Deviation	1.239	1.239
Geometric Mean	5.392	5.392
Geometric Standard Deviation	1.25	1.25
B Horizon		
Number	25	25
Minimum	3.8	3.8
Maximum	10.4	10.4
Arithmetic Mean	5.9	5.9
Standard Deviation	1.4	1.4
Geometric Mean	5.8	5.8
Geometric Standard Deviation	1.24	1.24
C Horizon		
Number	23	23
Minimum	4.4	4.4
Maximum	12.2	12.2
Arithmetic Mean	6.4	6.4
Standard Deviation	2.1	2.1
Geometric Mean	6.1	6.1
Geometric Standard Deviation	1.33	1.33

Table L-2.2 Vacuum Dust Arsenic Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
Number	20	20
Minimum	1.300	1.300
Maximum	41.600	41.600
Arithmetic Mean	9.015	9.015
Standard Deviation	9.162	9.162
Geometric Mean	6.273	6.273
Geometric Standard Deviation	2.39	2.39

Table L-2.4 Driveway Arsenic Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison / Rocky Point	Total
A Horizon		
Number	16	16
Minimum	1.5	1.5
Maximum	8.5	8.5
Arithmetic Mean	4.7	4.7
Standard Deviation	2.0	2.0
Geometric Mean	4.2	4.2
Geometric Standard Deviation	1.63	1.63
B Horizon		
Number	17	17
Minimum	1.9	1.9
Maximum	6.6	6.6
Arithmetic Mean	4.1	4.1
Standard Deviation	1.5	1.5
Geometric Mean	3.9	3.9
Geometric Standard Deviation	1.44	1.44
C Horizon		
Number	16	16
Minimum	3.3	3.3
Maximum	8.5	8.5
Arithmetic Mean	5.4	5.4
Standard Deviation	1.6	1.6
Geometric Mean	5.2	5.2
Geometric Standard Deviation	1.33	1.33

Table L-2.5 Garden Arsenic Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
F Horizon		
Number	9	9
Minimum	4.0	4.0
Maximum	8.5	8.5
Arithmetic Mean	6.2	6.2
Standard Deviation	1.4	1.4
Geometric Mean	6.0	6.0
Geometric Standard Deviation	1.26	1.26
G Horizon		
Number	7	7
Minimum	5.0	5.0
Maximum	16.2	16.2
Arithmetic Mean	7.7	7.7
Standard Deviation	3.9	3.9
Geometric Mean	7.1	7.1
Geometric Standard Deviation	1.48	1.48

Table L-2.6 Initial and Purged Drinking Water Arsenic Concentrations (ug/L) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
Initial		
Number	22	22
Minimum	2.2	2.2
Maximum	5.6	5.6
Arithmetic Mean	3.0	3.0
Standard Deviation	0.9	0.9
Geometric Mean	2.9	2.9
Geometric Standard Deviation	1.31	1.31
Purged		
Number	25	25
Minimum	2.2	2.2
Maximum	8.5	8.5
Arithmetic Mean	3.2	3.2
Standard Deviation	1.4	1.4
Geometric Mean	2.9	2.9
Geometric Standard Deviation	1.42	1.42

Table L-3.1 Yard Soil Cadmium Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison / Rocky Point	Total
A Horizon		
Number	25	25
Minimum	0.1	0.1
Maximum	1.0	1.0
Arithmetic Mean	0.2	0.2
Standard Deviation	0.2	0.2
Geometric Mean	0.2	0.2
Geometric Standard Deviation	1.95	1.95
B Horizon		
Number	25	25
Minimum	0.1	0.1
Maximum	1.2	1.2
Arithmetic Mean	0.3	0.3
Standard Deviation	0.3	0.3
Geometric Mean	0.2	0.2
Geometric Standard Deviation	2.15	2.15
C Horizon		
Number	23	23
Minimum	0.1	0.1
Maximum	1.7	1.7
Arithmetic Mean	0.2	0.2
Standard Deviation	0.3	0.3
Geometric Mean	0.2	0.2
Geometric Standard Deviation	2.14	2.14

Table L-3.2 Vacuum Dust Cadmium Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
Number	20	20
Minimum	0.7	0.7
Maximum	66.3	66.3
Arithmetic Mean	7.4	7.4
Standard Deviation	15.3	15.3
Geometric Mean	2.9	2.9
Geometric Standard Deviation	3.21	3.21

Table L-3.4 Driveway Cadmium Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
A Horizon		
Number	16	16
Minimum	0.1	0.1
Maximum	0.7	0.7
Arithmetic Mean	0.2	0.2
Standard Deviation	0.2	0.2
Geometric Mean	0.2	0.2
Geometric Standard Deviation	2.26	2.26
B Horizon		
Number	17	17
Minimum	0.1	0.1
Maximum	0.4	0.4
Arithmetic Mean	0.2	0.2
Standard Deviation	0.1	0.1
Geometric Mean	0.1	0.1
Geometric Standard Deviation	1.87	1.87
C Horizon		
Number	16	16
Minimum	0.1	0.1
Maximum	0.5	0.5
Arithmetic Mean	0.2	0.2
Standard Deviation	0.1	0.1
Geometric Mean	0.2	0.2
Geometric Standard Deviation	1.77	1.77
Deviation		

Table L-3.5 Garden Cadmium Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
F Horizon		
Number	9	9
Minimum	0.1	0.1
Maximum	0.9	0.9
Arithmetic Mean	0.3	0.3
Standard Deviation	0.3	0.3
Geometric Mean	0.2	0.2
Geometric Standard Deviation	2.27	2.27
G Horizon		
Number	7	7
Minimum	0.2	0.2
Maximum	0.9	0.9
Arithmetic Mean	0.3	0.3
Standard Deviation	0.3	0.3
Geometric Mean	0.3	0.3
Geometric Standard Deviation	1.82	1.82

Table L-3.6 Initial and Purged Drinking Water Cadmium Concentrations (ug/L) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
Initial		
Number	22	22
Minimum	0.3	0.3
Maximum	10.9	10.9
Arithmetic Mean	0.9	0.9
Standard Deviation	2.3	2.3
Geometric Mean	0.5	0.5
Geometric Standard Deviation	2.42	2.42
Purged		
Number	25	25
Minimum	0.3	0.3
Maximum	1.0	1.0
Arithmetic Mean	0.4	0.4
Standard Deviation	0.2	0.2
Geometric Mean	0.4	0.4
Geometric Standard Deviation	1.43	1.43

Table L-4.1 Yard Soil Iron Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
A Horizon		
Number	25	25
Minimum	12400	12400
Maximum	22700	22700
Arithmetic Mean	17520	17520
Standard Deviation	2674.10	2674.10
Geometric Mean	17326	17326
Geometric Standard Deviation	1.17	1.17
B Horizon		
Number	25	25
Minimum	11500	11500
Maximum	25700	25700
Arithmetic Mean	18624	18624
Standard Deviation	3398.93	3398.93
Geometric Mean	18314	18314
Geometric Standard Deviation	1.21	1.21
C Horizon		
Number	23	23
Minimum	13100	13100
Maximum	27600	27600
Arithmetic Mean	20139	20139
Standard Deviation	4125.94	4125.94
Geometric Mean	19737	19737
Geometric Standard Deviation	1.23	1.23

Table L-4.2 Vacuum Dust Iron Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
Number	20	20
Minimum	3590	3590
Maximum	19500	19500
Arithmetic Mean	12271	12271
Standard Deviation	4127.71	4127.71
Geometric Mean	11483	11483
Geometric Standard Deviation	1.49	1.49

Table L-4.4 Driveway Iron Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
A Horizon		
Number	16	16
Minimum	18500	18500
Maximum	62900	62900
Arithmetic Mean	32169	32169
Standard Deviation	11960.59	11960.59
Geometric Mean	30389	30389
Geometric Standard Deviation	1.40	1.40
B Horizon		
Number	17	17
Minimum	11200	11200
Maximum	59300	59300
Arithmetic Mean	30635	30635
Standard Deviation	12129.71	12129.71
Geometric Mean	28430	28430
Geometric Standard Deviation	1.50	1.50
C Horizon		
Number	16	16
Minimum	13400	13400
Maximum	31600	31600
Arithmetic Mean	23013	23013
Standard Deviation	5535.93	5535.93
Geometric Mean	22373	22373
Geometric Standard Deviation	1.28	1.28

Table L-4.5 Garden Iron Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
F Horizon		
Number	9	9
Minimum	15000	15000
Maximum	22800	22800
Arithmetic Mean	19178	19178
Standard Deviation	2745.35	2745.35
Geometric Mean	18995	18995
Geometric Standard Deviation	1.16	1.16
G Horizon		
Number	7	7
Minimum	14800	14800
Maximum	29000	29000
Arithmetic Mean	19814	19814
Standard Deviation	4718.56	4718.56
Geometric Mean	19382	19382
Geometric Standard Deviation	1.25	1.25

Table L-4.6 Initial and Purged Drinking Water Iron Concentrations (ug/L) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
Initial		
Number	22	22
Minimum	19	19
Maximum	5250	5250
Arithmetic Mean	395	395
Standard Deviation	1104.28	1104.28
Geometric Mean	96	96
Geometric Standard Deviation	4.58	4.58
Purged		
Number	25	25
Minimum	19	19
Maximum	339	339
Arithmetic Mean	108	108
Standard Deviation	100.11	100.11
Geometric Mean	69	69
Geometric Standard Deviation	2.71	2.71

Table L-5.1 Yard Soil Manganese Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
A Horizon		
Number	25	25
Minimum	263	263
Maximum	794	794
Arithmetic Mean	488	488
Standard Deviation	116.62	116.62
Geometric Mean	474	474
Geometric Standard Deviation	1.28	1.28
B Horizon		
Number	25	25
Minimum	268	268
Maximum	677	677
Arithmetic Mean	499	499
Standard Deviation	103.68	103.68
Geometric Mean	487	487
Geometric Standard Deviation	1.27	1.27
C Horizon		
Number	23	23
Minimum	284	284
Maximum	801	801
Arithmetic Mean	500	500
Standard Deviation	136.85	136.85
Geometric Mean	483	483
Geometric Standard Deviation	1.31	1.31

Table L-5.2 Vacuum Dust Manganese Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
Number	20	20
Minimum	114	114
Maximum	726	726
Arithmetic Mean	323	323
Standard Deviation	142.88	142.88
Geometric Mean	296	296
Geometric Standard Deviation	1.54	1.54

Table L-5.3 Right-of-way Manganese Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Kingston	Lower Basin/Cataldo	Mullan	Nine Mile/Burke	Osburn	Side Gulches	Silverton	Wallace	Harrison/Rocky Point	Total
A Horizon										
Number	5	7	8	6	5		2	7	20	60
Minimum	1040	275	1250	1350	2540		747	716	293	275
Maximum	1330	1470	4030	2600	4960		3490	2180	564	4960
Arithmetic Mean	1142	764	2019	2058	3574		2119	1542	451	1358
Standard Deviation	116.92	441.83	981.84	550.36	1196.53		1939.59	518.00	72.10	1106.51
Geometric Mean	1137	652	1856	1992	3421		1615	1454	445	1004
Geometric Standard Deviation	1.10	1.87	1.52	1.33	1.39		2.97	1.48	1.18	2.20
B Horizon										
Number	4	5	8	6	6		1	7	22	59
Minimum	1320	460	467	1230	2180		1990	866	101	101
Maximum	3920	1590	3130	3970	7990		1990	2370	1100	7990
Arithmetic Mean	2045	929	2102	2447	3895		1990	1797	487	1576
Standard Deviation	1252.03	412.23	916.67	1162.66	2172.75			563.41	179.71	1394.65
Geometric Mean	1829	860	1831	2215	3505		1990	1706	454	1104
Geometric Standard Deviation	1.67	1.56	1.91	1.64	1.61			1.44	1.53	2.41
C Horizon										
Number	5	6	6	7	7		2	6	18	57
Minimum	857	416	290	567	781		1090	866	31	31
Maximum	2070	2340	3750	5680	9820		2210	3010	1000	9820
Arithmetic Mean	1413	1086	2205	2648	3175		1650	1849	479	1589
Standard Deviation	514.55	710.01	1320.42	2084.25	3080.87		791.96	742.49	206.93	1644.48
Geometric Mean	1340	922	1690	2009	2277		1552	1718	409	1050
Geometric Standard Deviation	1.44	1.86	2.59	2.28	2.39		1.65	1.54	2.08	2.63

Table L-5.4 Driveway Manganese Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
A Horizon		
Number	16	16
Minimum	440	440
Maximum	1110	1110
Arithmetic Mean	715	715
Standard Deviation	210.53	210.53
Geometric Mean	688	688
Geometric Standard Deviation	1.33	1.33
B Horizon		
Number	17	17
Minimum	254	254
Maximum	1330	1330
Arithmetic Mean	683	683
Standard Deviation	252.96	252.96
Geometric Mean	641	641
Geometric Standard Deviation	1.45	1.45
C Horizon		
Number	16	16
Minimum	323	323
Maximum	1060	1060
Arithmetic Mean	551	551
Standard Deviation	177.11	177.11
Geometric Mean	527	527
Geometric Standard Deviation	1.35	1.35

Table L-5.5 Garden Manganese Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
F Horizon		
Number	9	9
Minimum	422	422
Maximum	758	758
Arithmetic Mean	590	590
Standard Deviation	126.31	126.31
Geometric Mean	578	578
Geometric Standard Deviation	1.25	1.25
G Horizon		
Number	7	7
Minimum	320	320
Maximum	679	679
Arithmetic Mean	514	514
Standard Deviation	126.73	126.73
Geometric Mean	500	500
Geometric Standard Deviation	1.30	1.30

Table L-5.6 Initial and Purged Drinking Water Manganese Concentrations (ug/L) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
Initial		
Number	22	22
Minimum	2	2
Maximum	225	225
Arithmetic Mean	54	54
Standard Deviation	60.81	60.81
Geometric Mean	22	22
Geometric Standard Deviation	5.00	5.00
Purged		
Number	25	25
Minimum	2	2
Maximum	160	160
Arithmetic Mean	40	40
Standard Deviation	53.91	53.91
Geometric Mean	13	13
Geometric Standard Deviation	4.90	4.90

Table L-6.1 Yard Soil Zinc Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
A Horizon		
Number	16	16
Minimum	1	1
Maximum	512	512
Arithmetic Mean	55	55
Standard Deviation	126.37	126.37
Geometric Mean	9	9
Geometric Standard Deviation	7.41	7.41
B Horizon		
Number	10	10
Minimum	1	1
Maximum	57	57
Arithmetic Mean	16	16
Standard Deviation	21.71	21.71
Geometric Mean	5	5
Geometric Standard Deviation	5.38	5.38
C Horizon		
Number	12	12
Minimum	1	1
Maximum	97	97
Arithmetic Mean	28	28
Standard Deviation	34.16	34.16
Geometric Mean	11	11
Geometric Standard Deviation	4.80	4.80

Table L-6.2 Vacuum Dust Zinc Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
Number	3	3
Minimum	3	3
Maximum	386	386
Arithmetic Mean	214	214
Standard Deviation	194.46	194.46
Geometric Mean	66	66
Geometric Standard Deviation	14.74	14.74

Table L-6.3 Right-of-way Zinc Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Kingston	Lower Basin/Cataldo	Mullan	Nine Mile/burke	Osburn	Side Gulches	Silverton	Wallace	Harrison/Rocky Point	Total
A Horizon										
Number	0	6	2	0	1		1	2	19	31
Minimum	0	83	1670	0	1		561	16	1	1
Maximum	0	713	1780	0	1		561	372	148	1780
Arithmetic Mean	0	253	1725	0	1		561	194	68	232
Standard Deviation	0.00	240.62	77.78	0.00	0.00		0.00	251.73	36.20	428.94
Geometric Mean	1	185	1724	1	1		561	77	50	80
Geometric Standard Deviation	1.00	2.29	1.05	1.00	1.00		1.00	9.25	3.05	5.17
B Horizon										
Number	0	5	1	0	0		0	1	20	27
Minimum	0	7	273	0	0		0	59	1	1
Maximum	0	740	273	0	0		0	59	181	740
Arithmetic Mean	0	260	273	0	0		0	59	60	105
Standard Deviation	0.00	283.84	0.00	0.00	0.00		0.00	0.00	51.93	147.46
Geometric Mean	1	122	273	1	1		1	59	30	44
Geometric Standard Deviation	1.00	5.73	1.00	1.00	1.00		1.00	1.00	4.76	5.15
C Horizon										
Number	1	5	1	1	2		0	0	10	20
Minimum	10	9	136	9	11		0	0	11	9
Maximum	10	614	136	9	698		0	0	149	698
Arithmetic Mean	10	206	136	9	355		0	0	51	120
Standard Deviation	0.00	236.70	0.00	0.00	485.78		0.00	0.00	43.32	191.50
Geometric Mean	10	104	136	9	88		1	1	35	48
Geometric Standard Deviation	1.00	4.69	1.00	1.00	18.82		1.00	1.00	2.56	4.05

Table L-6.4 Driveway Zinc Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
A Horizon		
Number	13	13
Minimum	1	1
Maximum	106	106
Arithmetic Mean	56	56
Standard Deviation	44.08	44.08
Geometric Mean	20	20
Geometric Standard Deviation	7.73	7.73
B Horizon		
Number	12	12
Minimum	1	1
Maximum	91	91
Arithmetic Mean	38	38
Standard Deviation	33.13	33.13
Geometric Mean	16	16
Geometric Standard Deviation	6.20	6.20
C Horizon		
Number	10	10
Minimum	1	1
Maximum	49	49
Arithmetic Mean	17	17
Standard Deviation	19.55	19.55
Geometric Mean	8	8
Geometric Standard Deviation	3.99	3.99

Table L-6.5 Garden Zinc Concentrations (mg/kg) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
F Horizon		
Number	4	4
Minimum	1	1
Maximum	77	77
Arithmetic Mean	23	23
Standard Deviation	36.54	36.54
Geometric Mean	6	6
Geometric Standard Deviation	8.27	8.27
G Horizon		
Number	2	2
Minimum	1	1
Maximum	93	93
Arithmetic Mean	47	47
Standard Deviation	65.05	65.05
Geometric Mean	10	10
Geometric Standard Deviation	24.66	24.66

Table L-6.6 Initial and Purged Drinking Water Zinc Concentrations (ug/L) in Geographic Sub-areas, Summer 1999

	Harrison/Rocky Point	Total
Initial		
Number	22	22
Minimum	1	1
Maximum	1660	1660
Arithmetic Mean	219	219
Standard Deviation	468.40	468.40
Geometric Mean	52	52
Geometric Standard Deviation	5.94	5.94
Purged		
Number	25	25
Minimum	4	4
Maximum	1130	1130
Arithmetic Mean	144	144
Standard Deviation	283.64	283.64
Geometric Mean	44	44
Geometric Standard Deviation	4.22	4.22